

**ABSTRACT**

The present invention is related to an integrated process for the treatment and valorization of organic waste, the process comprising the steps of treating the organic waste with a microorganism treatment for producing gas; separating the organic waste resulting from step a) into a liquid fraction and a solid fraction; and using the liquid fraction resulting from step b) as a fertilizer. The present invention also relates to the use of a liquid fraction obtained from the solid liquid separation of an organic waste previously treated by a microorganism treatment as a fertilizer.